MODELS: Stinson SR-10B, -10C (Army UC-81K), -10G (Army UC-81A), -10G3, -10H, -10J, -10J3

T.C. NUMBER: 678

I - SPECIFICATIONS PERTINENT TO ALL MODELS

Propeller
Airspeed limits
Level flight or climb - 155 mph True Ind.
Glide or dive - 209 mph True Ind.
Flaps extended - 121 mph True Ind.
Vo. passengers
Eaggage
Location basis
Serial numbers
Location basis
Location basis
Serial numbers
Location basis
Location ba

EQUIPMENT:

(Datum is wing leading edge (outboard of curved portion)) (* Means net increase)

	5800 SERIES	5900 SERIES		
	SR-10B, C, G, G-3, H, J, J-3	SR-10B, C, G-3, H, J, J-3	<u>sr-106</u>	
Class I:				
A. Landplane: 101. Engine cowl	50 lbs.	43 lbs.	43 1bs.	
102. Propeller	50 125.	43 225	43 1201	
(a) Lycoming-Smith				
P-220 with				
Curtiss 32080 blades	117 lbs. (-64)	(Item 302b)	(Item 302b)	
(b) Hamilton Standard	111 1251 (04)	(100111 3022)	(100.1. 5022)	
2B20 hub with				
6135A-6 or 6135A-				
7 blades. Diameter 8'6-1/8" maximum.				
8'3-7/8" minimum.	(Item 302a)	104 lbs. (-65)	104 lbs. (-65)	
103. Starter (Eclipse	•	, ,		
E-80)	20 lbs.	18 lbs.	18 lbs.	
104. Battery and box				
(a) Exide 6TS-7-1		30 lbs. (+33)		
(b) Exide 6TS-13-1	38 lbs. (+94)	(Item 322)	40 lbs. (+33)	
105. 7.50-10 wheels with				

```
8.50-10 4-ply tires
      (wheels must be
      placarded for these
      tires) (See Sections
V and VII re tires)
                                  76 lbs. (+4)
                                                      76 lbs. (+4)
                                                                                  76 lbs. (+4)
106. 10 inch smooth
     contour tail wheel
      and tire
                                  21 lbs.
                                                       21 lbs.
                                                                                   21 lbs.
107. Cabin heater
                                   8 1bs.
                                                        6 lbs.
                                                                                    6 1bs.
108. Shielding - Packard
     B.G. plugs
                                   9 1bs.
                                                        9 1bs.
                                                                                    9 lbs.
109. Carburetor air
     heater
110. (Now Class III
equipment)
111. Generator - 15 amp.
      (Eclipse AL-1 or G)
                                 (Item 301b)
                                                      (Item 301b)
                                                                                   25 lbs. (-31)
    Seaplane (SR-10C, SR-10G-3 and SR-10H only): (Items 101 thru 104, 107 thru 109,
111 PLUS)
151. Edo 39-4000 float
     installation with
     water rudder and
     auxiliary fin
                                306 lbs.*(+25)
                                                     313 lbs.* (+29)
Class II:
200. Miscellaneous items
     as noted in approved
     weight and balance
     report
201. Battery and box
  (a) Exide 6XT-13-1
(b) Exide 6TX-19-1
                                  66 lbs.
                                                       74 lbs.
                                                                                   74 lbs.
                                                                                             (+33)
                                  80 lbs.
                                                       80 lbs.
                                                                 (+33)
                                                                                   80 lbs.
202. Fuel tanks - two
     25 gallon main
      (wing)
                                                       28 lbs. each (+34)
                                                                                  28 lbs. each (+34)
203. Adams mail pick-up and delivery device
      (Kirkham Eng. Corp.)
      (See NOTE 3)
  (a) Pick-up unit
       (replaces rear
       hammock seat 22
       lbs. (+59) and rear
       seat supports 8
       lbs. (+163))
                                  54 lbs. (+54)
                                                      54 lbs.
                                                                 (+54)
                                                                                  54 1ts.
                                                                                              (+54)
  (b) Delivery unit(c) Cable and hook
                                  5 lbs. (+95)
                                                       5 1bs.
                                                                 (+95)
                                                                                    5 1bs.
                                                                                             (+95)
       (pick-up)
                                 20 lbs. (+80)
                                                      20 lbs.
                                                                 (+80)
                                                                                  20 lbs.
                                                                                             (+80)
  (d) Rope and basket (delivery)
                                  14 lbs. (+95)
                                                       14 lbs.
                                                                 (+95)
                                                                                  14 lbs.
                                                                                             (+95)
  (e) Forward mail com-
      partment (200 lb.
       capacity) (replaces
      copilot chair 24 lbs. (+12) and controls 4 lbs.
  (-13))
(f) Center mail com-
                                  5 lbs. (+6)
                                                        5 lbs.
                                                                 (+6)
                                                                                   5 lbs.
                                                                                             (+6)
      partment (150 lb.
  capacity)
(g) Rear mail compartment (150 lb.
                                                                 (+27)
                                   5 lbs. (+27)
                                                        5 lbs.
                                                                                    5 lbs.
                                                                                             (+27)
                                  8 lbs. (+115)
9 lbs. (+85)
2 lbs. (+85)
       capacity)
                                                                 (+115)
                                                        8 1bs.
                                                                                    8 lbs.
                                                                                             (+115)
  (h) Well in floor
                                                        9 lbs.
                                                                 (+85)
                                                                                    9 lbs.
                                                                                              (+85)
  (i) Long cabin type trim
                                                        2 lbs.
                                                                 (+85)
                                                                                    2 1bs.
                                                                                             (+85)
  (j) Structural modifi-
      cations per Stinson
Drawing Z-3325
                                  25 lbs. (+80)
                                                      25 lbs.
                                                                 (+80)
                                                                                  25 lbs.
                                                                                             (+80)
                                  15 lbs. (+123)
6 lbs. (+41)
  (k) Metal skin on belly
                                                       15 lbs.
                                                                 (+123)
                                                                                  15 lbs.
                                                                                             (+123)
  (1) Folding seat
                                                       6 lbs.
                                                                                   6 lbs.
                                                                                             (+41)
204. (a) Generator - 25
      amp. (Eclipse D)
                                 (Item 301a)
                                                      30 lbs.
                                                                 (-31)
                                                                                 (Item 301a)
  (b) Quick detachable
      generator control
      box
                                 (Item 301c)
                                                       2 lbs.
                                                                 (-22)
                                                                                 (Item 301c)
205. Vacuum pump and
     accessories
                                 (Item 305)
                                                      10 lbs.
                                                                 (-21)
                                                                                 (Item 305)
206. Extra set of controls (rear)
                                                      55 lbs.* (+36)
207. All American Type
```

tion, Inc.) in- stalled on model SR-10C only (See NOTE 6)						
(a) Pick-up unit(b) Hydraulic system complete (All Amer-	39 lbs.	(+47)	39 lbs.	. (+47)		
ican Aviation, Inc. Drawing S-1)	20 lbs.	(-14)	20 lbs.	(-14)		
(c) Pole knee	8 lbs.	(+38)	8 lbs.	. (+38)		
(d) Pole yoke	11 lbs.		11 lbs. 7 lbs.			
<pre>(e) Pole (f) Pick-up rope and</pre>	, ins.	(+86)	/ 105.	(+86)		
hook	3 lbs.	(+40)	3 lbs.	(+40)		
(g) Structural modifications per Stinson Drawings Z-2838, Revision D, Z-4032, Revision B and supplementary drawings (including metal belly cowl, special fittings, reinforced floor, revised cabin characters.						
structure, special hatch and less rear						
seat)	35 lbs.	(+80)	35 lbs.	(+80)		
<pre>(h) Swiveling co- pilot's chair</pre>	4 1ts.	* / ± 13\	# 1he	.* (+13)		
208. All American Type AAS-4 mail pick-up and delivery device (All American Avia- tion, Inc.) installed on Model SR-10C only	7 123.	. (1.13)	7 103.	. (713)		
(See NOTE 8) (a) Pick-up unit	38 lbs.	(+55)	38 lbs.	. (+55)		
(b) Electric control		(,		. (,		
switch	1 lb.	(+50)	1 lb.	(+50)		
<pre>(c) Electric drive unit (d) Arm yoke and lever</pre>	11 lbs. 14 lbs.		11 lbs. 14 lbs.			
(e) Arm (including track and hook						
retainer) (f) Pick-up line and	10 lbs.	(+140)	10 lbs.	. (+140)		
hook	4 lbs.	(+55)	4 1bs.	. (+55)		
(g) Release unit	3 lbs.		3 lbs.			
(h) Auxiliary seat (i) Well to floor	6 lbs. 7 lbs.		6 lbs. 7 lbs.			
(j) Metal skin on belly	20 lbs.	•	20 lbs.			
(k) Baggage shelf (two)						
(15 lb. capacity each)	5 lbs.	(+90)	5 lbs.	. (+90)		
(1) Structural modifi- cations per Stinson Drawing Z-5081 and supplementary				` ,		
drawings) 209. Alternate pneumatic	х		>	ζ		
operated contact arm yoke installation for use with item 207 or 208; as described in All American Aviation, Inc. Report AM-107-S (Model SR-10C only). (a) Pick-up arm and						
yoke	17 lbs.	(+13)	17 lbs.	. (+13)		
(b) Vacuum cylinder, brackets and rod	16 lbs.	(-23)	16 lbs.	. (-23)		
Class III: 110. Wheel streamlines	24 lbs.	(+3)	21 lbs.	. (+3)	21 lbs.	(+3)
301. Generators						
(a) 25 amp. (Eclipse D)(b) 15 amp. (Eclipse	30 lbs.	(-40)	(Item 20)4a)	30 lbs.	(-31)

37 - 1-0)	25 1h- / #0\	05 15- 4 245	454 4444
AL-1-G) (c) Quick detachable	25 lbs. (-40)	25 lbs. (-31)	(Item 111)
type control box	2 lbs. (-22)	(Item 204b)	2 1bs. (-22)
302. Propellers			
(a) Hamilton Standard 2B20 hub with			
6135A-6 or 6135A-7			
blades. Diameter			
8'6-1/8" maximum, 8'3-7/8" minimum.	104 lbs. (-63)	(Ttom 103b)	(Thom 102b)
(b) Lycoming-Smith	104 155. (-05)	(ICEM 102D)	(Item 102b)
P220 with Curtiss		_	
320S0 blades (c) Pitch change	(Item 102a)	117 lbs. (-64)	117 lbs. (-64)
accessories			
(Lycoming-Smith)	6 lbs. (-59)		
(d) Constant speed			
accessories (Hamilton Standard)		9 lbs. (-36)	9 lbs. (-36)
(e) Lycoming-Smith P220) 155. (-50)) 156. (-30)
with Lycoming			
S0200806 blades	111 lbs.	111 lbs.	111 lbs.
(f) Lycoming-Smith P-220 with Lycoming			
S0220806 blades	111 lbs.	111 lbs.	111 lbs.
303. Fuel analyzer -	2 15- 4 405	7 11- 4 440	7 31 4 40
Cambridge 304. Lights	7 lbs. (-14)	7 lbs. (-14)	7 lbs. (-14)
(a) Landing (Grimes			
ST-1000	12 lbs. (+13)		
(b) Landing (Grimes	0 1ha (416)	0 1ha (416)	0.15- (446)
ST-250) (c) Fog	9 lbs. (+16) 3 lbs. (+2)	9 lbs. (+16) 3 lbs. (+2)	9 lbs. (+16) 3 lbs. (+2)
(d) Moonbeam	1 lb. (+10)	1 lb. (+10)	1 1b. (+10
305. Vacuum pump and			
accessories 306. (a) Flares (three	8 lbs. (-25)	(Item 205)	10 lbs. (-21)
1-1/2 minute)	14 lbs. (+116)	15 lbs. (+116)	15 lts. (+116)
(b) Flare wiring		, , , ,	, ,,,,
(three flares) (c) Flares (four	2 lbs. (+33)	3 lbs. (+33)	3 lbs. (+33)
			20 lbs. (+116)
1-1/2 minute)			
1-1/2 minute) (d) Flare wiring			, ,
<pre>(d) Flare wiring (four flares)</pre>			4 lbs. (+33)
<pre>(d) Flare wiring (four flares) 307. Two pilot parachute</pre>			4 1bs. (+33)
<pre>(d) Flare wiring (four flares)</pre>	 30 lbs.*(+17)	 24 lbs.* (+17)	, ,
(d) Flare wiring (four flares) 307. Two pilot parachute chairs 308. Two rear seat parachutes	30 lbs.*(+17) 40 lbs. (+54)	24 lbs.* (+17) 40 lbs. (+57)	4 1bs. (+33) 24 1bs.* (+17) 40 1bs. (+57)
(d) Flare wiring (four flares) 307. Two pilot parachute chairs 308. Two rear seat parachutes 309. (a) Special paint	30 lbs.*(+17)	24 lbs.* (+17)	4 lbs. (+33) 24 lbs.* (+17)
(d) Flare wiring (four flares) 307. Two pilot parachute chairs 308. Two rear seat parachutes	30 lbs.*(+17) 40 lbs. (+54)	24 lbs.* (+17) 40 lbs. (+57)	4 1bs. (+33) 24 1bs.* (+17) 40 1bs. (+57)
(d) Flare wiring (four flares) 307. Two pilot parachute chairs 308. Two rear seat parachutes 309. (a) Special paint (b) Special polish (14-16 coats) (c) Special polish	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48)
(d) Flare wiring (four flares) 307. Two pilot parachute chairs 308. Two rear seat parachutes 309. (a) Special paint (b) Special polish (14-16 coats) (c) Special polish (10-12 coats) 310. Radio equipment (a) Miscellaneous (maximum)	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36)	4 1bs. (+33) 24 1bs.* (+17) 40 1bs. (+57) 15 1bs. (+48)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) 6 (+43) 37 lbs. between
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43)	4 1bs. (+33) 24 1bs.* (+17) 40 1bs. (+57) 15 1bs. (+48) 66 1bs. between (+16.3) & (+43) 37 1bs. between (+16.3) and (+45.6)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 7 lbs. (+54) 2 lbs. (+59)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+125)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+54) 2 lbs. (+125)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 7 lbs. (+54) 2 lbs. (+59) 4 lbs. (+91)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 2 lbs. (+54) 2 lbs. (+59) 4 lbs. (+91) 9 lbs. between	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+54) 1 lbs. (+91) 9 lbs. between	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 7 lbs. (+54) 2 lbs. (+59) 4 lbs. (+91)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 2 lbs. (+59) 4 lbs. (+59) 9 lbs. between (+15) & (+115) 3 lbs. (+219)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+125) 4 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lks. (+219)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 7 lbs. (+54) 2 lbs. (+59) 4 lbs. (+91) 9 lbs. between (+15) & (+115)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. between (+15) & (+115)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 2 lbs. (+59) 4 lbs. (+59) 9 lbs. between (+15) & (+115) 3 lbs. (+219)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+54) 2 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 2 lbs. (+59) 4 lbs. (+59) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 3 lbs. (-11)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+125) 4 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lks. (+219)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 2 lbs. (+59) 4 lbs. (+59) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 3 lbs. (-11) 5 lbs.*(-42) 6 lbs.*(+33)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 8 lbs.* (-42)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 2 lbs. (+59) 4 lbs. (+59) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 3 lbs. (-11) 5 lbs.*(-42) 6 lbs.*(+33) 14 lbs. (+30)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+54) 2 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 8 lbs.* (-42)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 2 lbs. (+59) 4 lbs. (+59) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 3 lbs. (-11) 5 lbs.*(-42) 6 lbs.*(+33) 14 lbs. (+30) 1 lb.* (+15)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+54) 2 lbs. (+125) 4 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 1 lb. (+15)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+54) 2 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 8 lbs.* (-42)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 2 lbs. (+59) 4 lbs. (+59) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 3 lbs. (-11) 5 lbs.*(-42) 6 lbs.*(+33) 14 lbs. (+30) 1 lb.* (+15)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 1 lb. (+15) X	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 8 lbs.* (-42) 1 lb. (+15)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 2 lbs. (+59) 4 lbs. (+59) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 3 lbs. (-11) 5 lbs.*(-42) 6 lbs.*(+33) 14 lbs. (+30) 1 lb.* (+15)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+54) 2 lbs. (+125) 4 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 1 lb. (+15)	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 8 lbs.* (-42) 1 lb. (+15)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 2 lbs. (+59) 4 lbs. (+59) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 3 lbs. (-11) 5 lbs.*(-42) 6 lbs.*(+33) 14 lbs. (+30) 1 lb.* (+15) X 1 lb. (-8) 25 lbs. (+50)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 1 lb. (+15) X	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 8 lbs.* (-42) 1 lb. (+15)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 7 lbs. (+54) 2 lbs. (+59) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 3 lbs. (-11) 5 lbs.*(-42) 6 lbs.*(+33) 14 lbs. (+30) 1 lb.* (+15) X 1 lb. (-8)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 1 lb. (+15) X	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 8 lbs.* (-42) 1 lb. (+15) X 1 lb. (-8)
(d) Flare wiring	30 lbs.*(+17) 40 lbs. (+54) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 60 lbs. between (+16.3) & (+54) 37 lbs. between (+16.3) & (+54) 2 lbs. (+59) 4 lbs. (+59) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 3 lbs. (-11) 5 lbs.*(-42) 6 lbs.*(+33) 14 lbs. (+30) 1 lb.* (+15) X 1 lb. (-8) 25 lbs. (+50)	24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 10 lbs. (+36) 7 lbs. (+36) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) & (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 1 lb. (+15) X	4 lbs. (+33) 24 lbs.* (+17) 40 lbs. (+57) 15 lbs. (+48) 66 lbs. between (+16.3) & (+43) 37 lbs. between (+16.3) and (+45.6) 9 lbs. (+54) 2 lbs. (+125) 4 lbs. (+91) 9 lbs. between (+15) & (+115) 3 lbs. (+219) 2 lbs. (-25) 8 lbs.* (-42) 1 lb. (+15) 1 lb. (-8) 25 lbs. (+50)

```
317. Fire extinguisher (Lux No. 5)
                                   8 lbs.*(-25)
                                                                                    20 lts. (+1)
318. Thermo-pete
      (built-in)
                                                                                     --
                                   2 lbs. (-34)
319. Special instruments
                                                                                               (-16)
  (a)
                                  37 lbs. (-16)
                                                       20 lbs.
                                                                                    15 lbs.
  (t)
                                                         2 lbs.
                                                                  (-12)
                                                                                     2 1bs.
                                                                                               (-12)
320. Fuel tanks - one or
     two auxiliary 24
                                   22.5 lbs.
                                                       22.5 lbs.
                                                                                    23 lbs.
                                                                                               (+17)
                                                       each (+17)
     gallon (wing L.E.)
                                                                                    (one only)
                                  each (+17)
321. Oil tanks
  (a) 6-1/2 gallon
(b) 7-3/4 gallon or
                                   2 lbs.*(-34)
                                                        2 1bs.* (-34)
      8 gallon
                                   2 lbs.*(-34)
                                                                                     2 lbs. * (-34)
322. Battery and box
                                                       40 lbs. (+33)
8 lbs.* (+4)
(Exide 6TS-13-1)
323. 8.50-10 6-ply tires
                                                                                   (Item 104b)
                                 (Item 104b)
                                   8 lbs.*(+4)
324. Lycoming R-680-E3A
     engine (Models SR-10J and -10J3
     only)
                                  10 lbs.*
                                                       10 lbs.*
```

- NOTE 1. Eligible for export as follows, subject to inspection for equipment specified in Chapter XII of Manual of Procedures:
 - (a) Canada

 - Landplane eligible. Skiplane not eligible. However, structure complies with Canadian requirements for ski installation with maximum ski height 10-1/2 inches and maximum tread 113 inches.
 - Seaplane (SR-10C, SR-10G3 and SR-10H only)
 - (b) All other countries except Australia and New Zealand.
- NOTE 2. Rear baggage must be limited to 50 lbs. when three passengers are carried on rear seat and compartment must be so placarded, unless substantiated by weight and balance data.
- The following speed and weight limitations must be observed during NOTE 3. pick-up and delivery when item 203 is installed.
 - (a) Maximum airspeed during pick-up or delivery 100 mph. (b) Maximum pick-up load 50 lbs.

 - (c) Maximum delivery load 84 lbs.
- NOTE 4. Serial numbers 5901 and up same as 5800 series except vertical tail surface, battery installation, fuel system, exhaust collector ring, engine cowl, control wheel, and pilot's chair.
- NOTE 5. Model SR-10G, serial numbers 5943 and up eligible at 4000 lbs. with 8.50-10, 6-ply tires, item 323, required equipment. Serial numbers 5901 to 5942, inclusive, eligible as follows:

4150 lbs. Maximum weight Level flight or climb - 165 mph True Ind.
Glide or dive - 220 mph True Ind. Airspeed limits Flaps extended - 121 mph True Ind.

(8.50-10 6-ply tires, item 323, required equipment.)

- NOTE 6. The following speed and weight limitations must be observed during pick-up and delivery when item 207 is installed:
 - (a) Maximum airspeed during pick-up or delivery 100 mph. (b) Maximum pick-up load 50 lbs.

 - Maximum delivery load 50 lbs
- NOTE 7. Maximum weight may be increased to 4150 lbs. for Model SR-10C when Item 323 is installed.
- NOTE 8. The following speed and weight limitations should be observed during pick-up and delivery when Item 208 is installed.

Maximum Speed	<u>Maximum Load</u>
150	60
140	70
130	80
120	90

II - MODEL SR-10B, DESIGNATION 5 PCLM

Lycoming R-680-D6
Maximum, except take-off
-- in-Hg., 2100 rpm (225 hp) Engine Engine limits Take-off (one minute)

```
-- in.Hg., 2300 rpm (245 hp)
76 gallons (two 38 gallon tanks in wings) (+34)
5 gallons (-34)
      Fuel capacity
      Cil capacity
                                           5900 lbs.
      Maximum weight
      C.G. limits
                                           5800 series (+16.3) and (+27.7)
                                           5900 series (+16.3) and (+26.7)
III - MODEL SR-10C (UC-81K), DESIGNATION 5 PCL-SM
(Same as Model SR-10B except engine installation)
      Engine
                                           Lycoming R-680-D5
      Engine limits
                                           Maximum, except take-off
-- in.Hg., 2100 rpm (245 hp)
Take-off (one minute)
                                           -- in.Hg., 2300 rpm (260 hp)
76 gallons (two 38 gallon tanks in wings) (+34)
5 gallons (-34)
Landplane 3900 lbs. (See NOTE 7)
      Fuel capacity
      Oil capacity
      Maximum weight
                                           Seaplane 4210 1bs.
      C.G. limits
                                           Landplane:
                                              5800 series (+16.3) and (+27.7)
5900 series (+16.3) and (+26.7)
                                           Seaplane:
                                              5800 series (+17.0) and (+27.6) 5900 series (+17.0) and (+26.6)
IV - MODEL SR-10G (UC-81A), DESIGNATION 5 PCLM
(Same as Model SR-10D, T.C. 679, except engine installation)
      Engine
                                           Lycoming R-680-E1
                                           Maximum, except take-off
-- in.Hg., 2200 rpm (275 hp)
      Engine limits
                                           Take-off (one minute)
                                              -- in. Hg., 2300 rpm (290 hp)
                                           100 gallons (two 38 gallon tanks in wings (+34) and one 24 gallon tank in wing L.E. (+17))
     Fuel capacity
      Oil capacity
                                           6-1/2 gallons (-34)
                                           3900 lbs. (See NOTE 5)
      Maximum weight
                                          5800 series (+16.3) and (+27.7)
5900 series (+16.3) and (+26.7)
      C.G. limits
V - MODEL SR-10G3, DESIGNATION 5 PCLM
(Same as Model SR-10B except engine installation and standard weight, 8.50-10 6-ply tires, item 323, required equipment.)
      Engine
                                           Lycoming R-680-E1
                                          Maximum, except take-off
-- in.Hg., 2200 rpm (275 hp)
Take-off (one minute)
      Engine limits
                                           -- in.Hg., 2300 rpm (290 hp)
100 gallons (two tanks at 38 gallons each in wings
     Fuel capacity
                                              (+34) and one tank at 24 gallons in wing L.E. (+17))
      Cil capacity
                                           6-1/2 gallons (-34)
      Maximum weight
                                           4000 lbs.
                                          5800 series (+16.3) and (+27.7)
5900 series (+16.3) and (+26.7)
      C.G. limits
VI - MODEL SR-10H, DESIGNATION 5 PCL-SM
(Same as Model SR-10B except engine installation)
     Engine
                                          Lycoming R-680-E2
                                          Maximum, except take-off
-- in.Hg., 2200 rpm (265 hp)
Take-off (one minute)
-- in.Hg., 2300 rpm (280 hp)
      Engine limits
                                          76 gallons (two 38 gallon tanks in wings) (+34)
5 gallons (-34)
Landplane 3900 lbs.
Seaplane 4210 lbs.
     Fuel capacity
     Cil capacity
     Maximum weight
     C.G. limits
                                           Landplane:
                                             5800 series (+16.3) and (+27.7)
5900 series (+16.3) and (+26.7)
                                           Seaplane:
                                             5800 series (+17.0) and (+27.6)
5900 series (+17.0) and (+26.6)
```

VII - MODEL SR-10J or SR-10J3, DESIGNATION 5 PCLM

(Same as Model SR-10B except engine installation and standard weight, 8.50-10 6-ply tires, item 323, required equipment)